

Amendments to the Specification:

After the title and before the first paragraph, please insert the following paragraph:

THIS APPLICATION IS A U.S. NATIONAL PHASE APPLICATION OF PCT INTERNATIONAL APPLICATION PCT/JP2003/002438.

Please replace the paragraph, beginning at page 7, line 20, with the following rewritten paragraph:

Fig. 46 is a table showing an example of information kept by ~~a health condition data acquiring means~~ a health condition data acquiring section according to the seventh exemplary embodiment of this invention;

Please replace the paragraph, beginning at page 16, line 13, with the following rewritten paragraph:

Controller 133 in optical output unit 13 controls the optical output in a multistage level of intensity based on a relation between "received external information" and "voltage" shown in Fig. 8. In other words, controller 133 controls lighting intensity of miniature lamp 132A by applying the voltage of a value equivalent to that given by the external information when a value of "received external information" is 20V or less. On the contrary, it controls lighting intensity of miniature lamp 132A by applying the voltage of 20V when the value of "received external information" is larger than ~~20V~~20. Accordingly, controller 133 determines the intensity by choosing a voltage value among three different voltage levels including 0V, and the miniature lamp 132A produces optical output corresponding to that voltage.

Please replace the paragraph, beginning at page 24, line 13, with the following rewritten paragraph:

Although the external information is obtained without receiving a trigger according to Fig. 14, the above operation may be initiated by a trigger produced when a user of terminal ~~11~~ 1301 presses a start button or the like. Alternatively, the operation of obtaining ~~the external information in S201~~ the location data in S1401 may be initiated when it receives a triggering signal from any of optical output unit 1303, repeater unit 12 and other devices.

Please replace the paragraph, beginning at page 24, line 26, with the following rewritten paragraph:

(S1503) Controller 13033 determines whether or not the received external information contains an "i"-th ~~data-mode~~mode data and its data value. The process advances to S1504 if it does, or the process moves up to S1507 if it does not.

Please replace the paragraph, beginning at page 25, line 2, with the following rewritten paragraph:

(S1504) Controller 13033 obtains the "i"-th ~~data-mode~~mode data and the data value.

Please replace the paragraph, beginning at page 25, line 3, with the following rewritten paragraph:

(S1505) Controller 13033 determines whether or not the "i"-th ~~data-mode~~mode data has a predetermined relation with any of the ~~data-mode~~mode data stored in storage 13032. The process advances to S1506 if it has the relation, or the process moves up to S1508 if it does not.

Please replace the paragraph, beginning at page 25, line 7, with the following rewritten paragraph:

(S1506) Controller 13033 determines a control parameter for optical output according to the "i"-th ~~data-mode~~mode data and the data value.

Please replace the paragraph, beginning at page 26, line 3, with the following rewritten paragraph:

Terminal 1301 and optical output unit 1303 have regular hexahedral shapes (i.e., cubic shapes) respectively, as shown in Fig. 16. Terminal 1301 is provided with pressure sensor 111A disposed to each of the six surfaces for a total of six sensors 111A, and one unit of GPS receiver 130112A. Terminal 1301 constructed as above obtains data of a structure shown in Fig. 17 by means of pressure data acquiring section 130111 including the pressure sensors 111A. More concrete example of the pressure data is shown in Fig. 18. Terminal 1301 also obtains location data including values of the GPS coordinate system (i.e., X-, Y- and Z-coordinates) by means of location data acquiring section 130112 including the receiver

130112A. A concrete example of the location data is shown in Fig. 19. External information composing section 130113 gets a pressure data to be transmitted based on the six pressure values. To be more specific, composing section 130113 calculates a value of data using a formula of "sum of the data" divided by "a number of data indicating larger values than zero". In this example, it obtains a value of 12.5 by calculating $(0 + 0 + 20 + 5 + 5 + 20) / 4$. It thus produces a pressure data showing "~~data-modemode data~~: pressure data, ID: 1 and data value: 12.5".

Please replace the paragraph, beginning at page 27, line 2, with the following rewritten paragraph:

Storage 13032 has "location data" and "pressure data" as the ~~data-modemode data~~ stored therein. In this case, both records of the information shown in Fig. 20 are used as the basis for optical control. Controller 13033 controls first optical output element 130311 according to the value of ~~data-modemode data~~ of "location data", and second optical output element 130312 according to the value of ~~data-modemode data~~ of "pressure data". First optical output element 130311 is composed of a blue LED, which illuminates brighter as a voltage applied to it increases. Second optical output element 130312 is composed of a red LED, which also illuminates brighter as a voltage applied to it increases. Fig. 21 is a general exterior view of optical output unit 1303, and Fig. 22 is another view of the optical output unit 1303 showing how it gives optical output. This optical output unit 1303 sets aside any record of ~~data-modemode data~~ other than the "location data" and the "pressure data" if included in the received external information.

Please replace the paragraph, beginning at page 30, line 25, with the following rewritten paragraph:

(S2403) Controller 23033 determines whether or not the received external information contains an "i"-th ~~data-modemode data~~ and its data value. The process advances to S2404 if it does, or the process moves up to S2407 if it does not.

Please replace the paragraph, beginning at page 31, line 1, with the following rewritten paragraph:

(S2404) Controller 23033 obtains the "i"-th ~~data-modemode data~~ and the data value.

Please replace the paragraph, beginning at page 31, line 2, with the following rewritten paragraph:

(S2405) Controller 23033 determines whether or not the "i"-th ~~data-mode~~mode data has a predetermined relation with any of the ~~data-mode~~mode data stored in storage 23032. The process advances to S2406 if it has the relation, or the process moves up to S2408 if it does not.

Please replace the paragraph, beginning at page 31, line 6, with the following rewritten paragraph:

(S2406) Controller 23033 determines a control parameter for optical output according to the "i"-th ~~data-mode~~mode data and the data value. More particularly, controller 23033 makes this determination of control parameter in the following manner, for example. Storage 23032 stores therein an optical output control table. The optical output control table contains a plurality of optical output control records, each including "optical output element identifier" for identifying any of the optical output elements, "mode data", and "optical output method identifier" for identifying each method of producing optical output, for instance. Controller 23033 controls optical output of the optical output element identified by the "optical output element identifier" corresponding to the "i"-th record in the optical output control table stored in storage 23032 according to the method identified by the "optical output method identifier" given in the same record. In this instance, controller 23033 provides the "i"-th data value as a parameter to control the optical output.

Please replace the paragraph, beginning at page 32, line 26, with the following rewritten paragraph:

To be more concrete, terminal 1301 transmits the external information shown in Fig. 20, for instance, to optical output unit 2303 via repeater unit 12. In this instance, second optical output element ~~130311~~130312 indicates location information by means of turning light according to the location data (136, 110, 5).

Please replace the paragraph, beginning at page 34, line 24, with the following rewritten paragraph:

In addition, the system uses the external information received by optical output unit 2303 as the basis of the optical control only when the mode data received by optical output unit 2303 matches with one of the mode data stored in storage 23032. However, the system may use the external information as the basis of the optical control if the mode data of the external information has a predetermined relation to one of the mode data stored in storage ~~23032~~23032. The predetermined relation may be considered established if, for instance, a number of mode data are grouped, and the mode data included in the external information belongs to a same group as the mode data stored in storage 23032. A variety of other relations are also considered available beside the above.

Please replace the paragraph, beginning at page 38, line 1, with the following rewritten paragraph:

~~(S3005)~~(S3004) Generating section 280112 generates an input speed data based on data acquired in S3003 or the number of the data. Composing section 280113 composes external information containing the input speed data.

Please replace the paragraph, beginning at page 39, line 6, with the following rewritten paragraph:

(S3105) Optical output device 28032 outputs light according to the control parameter determined in ~~S3102~~S3104.

Please replace the paragraph, beginning at page 44, line 14, with the following rewritten paragraph:

Acquiring section 380111 obtains a positional data representing information on a place where terminal 3801 is present. Acquiring section 380111 is materialized by such means that receives a radio signal from an ~~FRID~~-RFID tag in which positional data is stored, for instance. However, acquiring section 380111 may be composed of any other means as long as it can obtain a positional data. For instance, a radio communication means capable of acquiring a positional data through wireless communications using Bluetooth is considered suitable as an alternative means.

Please replace the paragraph, beginning at page 55, line 21, with the following rewritten paragraph:

(S4903) Acquirer 48011 determines whether or not there is a difference of a predetermined value or greater between the pH value obtained in S4901 and the normal pH value retrieved in S4902. The process advances to S4904 if the difference is equal to or greater than the predetermined value, or the process returns to S4901 if it is not.

Please replace the paragraph, beginning at page 55, line 26, with the following rewritten paragraph:

(S4904) Composing section 480112 composes external information based on the pH value obtained in ~~S4401~~S4901.

Please replace the paragraph, beginning at page 63, line 5, with the following rewritten paragraph:

Acquirer 56011 has electroencephalogram data acquiring section 560111 ("acquiring section") and external information composing section ~~530112~~560112 ("composing section").